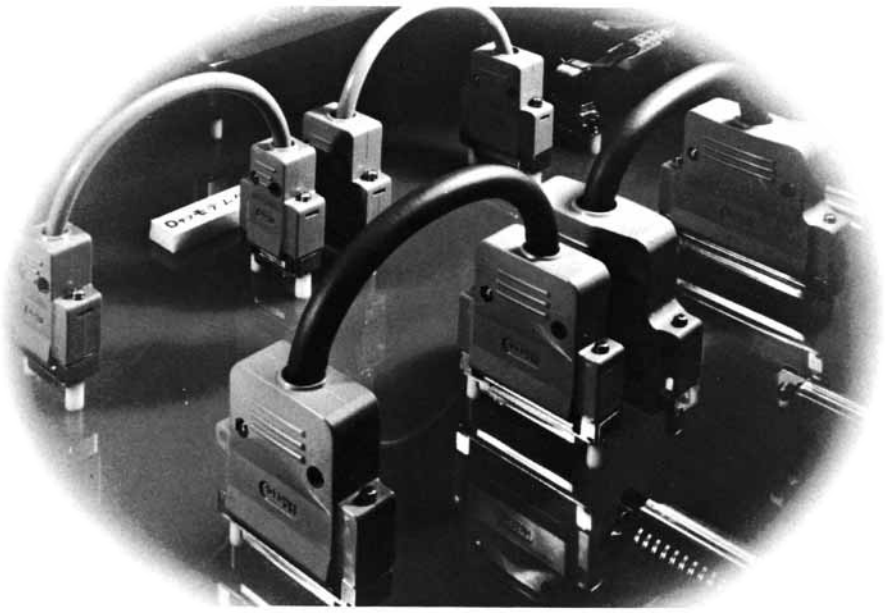
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CTF SERIES PLASTIC D SUBMINIATURE S

General

HIROSE CTF series plastic D subminiature shells offer the highest quality of mechanical design and appearance. Available to fit 9, 15, 25, and 37 position connectors and most competitors products. LN mounts allow for design flexibility.



Features

(1) Standard screw type locking mechanism provides a strong and secure lock.
(2) ABS resin molding material offers light weight, sturdy construction.
(3) Easy to assemble and service because the case is split at the center of the cable inlet and few screws are used.
(4) Two types of locking devices are available, rectangular and hexagonal, to meet different panel mounting complies.
(5) The 25-contact model complies with the the modem plug case specified in JIS-C-6361.
(6) Can easily incorporate solderling (HD) and crimping.

Application

Modems in communications equipment such as computers, peripherals and terminal eqipment, control equipment, measuring instruments, and export equipment.

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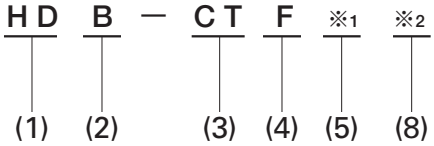
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Materials

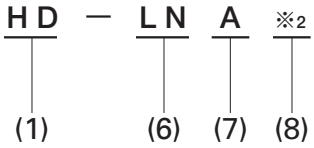
Part	Material	Finish
Plug case	ABS resin	2.5PB 6/2 (color)
Locking device	Steel or zinc alloy die casting	Nickel plating

Ordering Informations

Plug case



Locking device



(1) Connector series
(2) Connector size: E (9 contacts), A (15 contacts), B (25 contacts), C (37 contacts)
Note: Not available for 50pos. cover.
(3) Type of plug case
CT: Plug case with a vertical cable inlet opening
(4) Serial sign for series
F: Plug case made of plastic
(5) Locking screws
No sign: To be locked with a screwdriver
1: To be locked by hand
(6) Locking device
LN: screw type locking device
(7) Type of locking device
Provided with a sequence of upper-case alphabe-tic charactors.
No sign: Rectangular
A: Hexagonal
(8) Type of screw
Provided with a sequence of Arabic numerls.
No sign: M2.6
(4-40): inch

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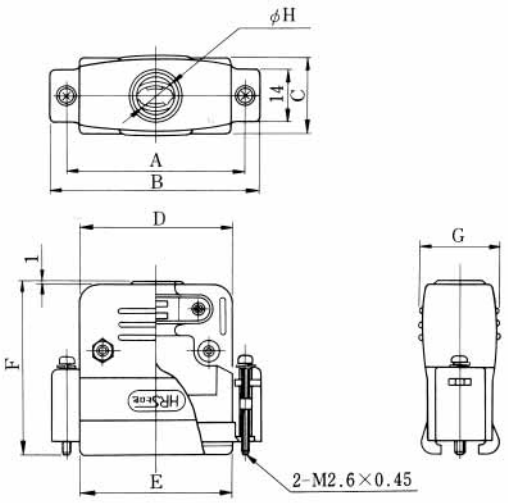
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Dataphone shell (To be locked with a screwdriver)



HDB-CTF (50)



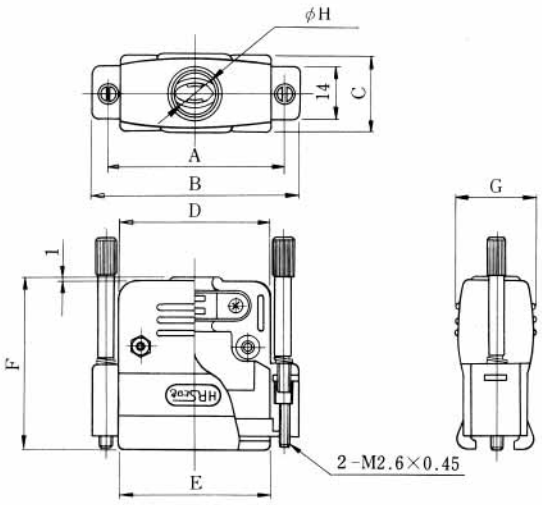
Unit: mm

HRS No	No.of pin	Part No.	A	B	C	D	E	F	G	H	RoHS
CL211-0159-8-50	9	HDE-CTF (50)	24.99	33.2	18	19.3	19.2	40.2	19.6	7	YES
CL211-0160-7-50	15	HDA-CTF (50)	33.32	41.2	18	27.2	27.2	43.2	19.6	9	
CL211-0139-0-50	25	HDB-CTF (50)	47.04	55	20	40	40	46	20.8	10	
CL211-0161-0-50	37	HDC-CTF (50)	63.5	72.2	20	50.2	57	51.2	24	12	

Dataphone Shell (To be locked by hand)



HDB-CTF1 (50)



Unit: mm

HRS No	No.of pin	Part No.	A	B	C	D	E	F	G	H	RoHS
CL211-0168-9-50	9	HDE-CTF1 (50)	24.99	33.2	18	19.2	19.2	40.2	19.6	7	YES
CL211-0350-2-50	15	HDA-CTF1 (50)	33.32	41.2	18	27.2	27.2	43.2	19.6	9	
CL211-0166-3-50	25	HDB-CTF1 (50)	47.04	55	20	40	40	46	20.8	10	
CL211-0328-3-50	37	HDC-CTF1 (50)	63.5	72.2	20	50.2	57	51.2	24	12	

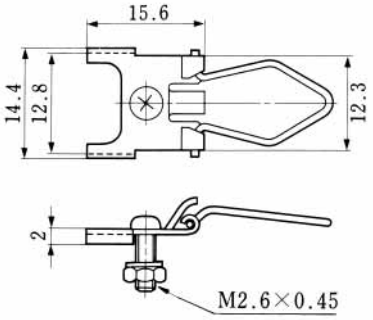
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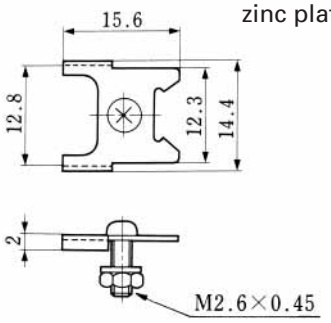
SM Series (D SUB) Accessory

Spring lock

Material
Body: Stainless steel
Screws: Steel
Finish
Screws: Treated with dichromate over zinc plating







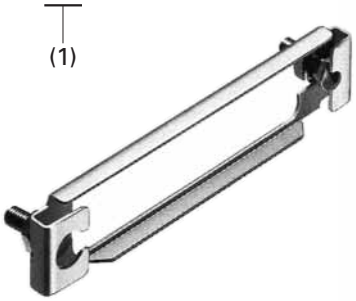
HRS No	Part No.	RoHS
CL211-0122-8-50	DA-L (50)	YES

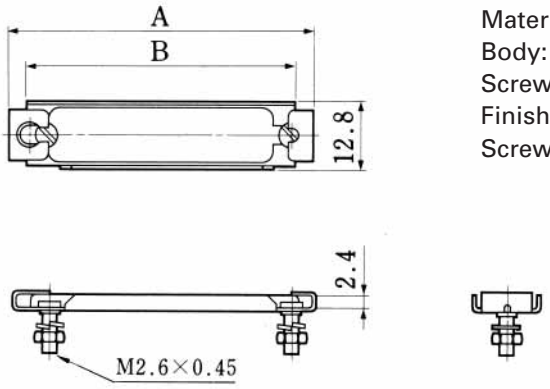
HRS No	Part No.	RoHS
CL211-0123-0-50	DA-LP (50)	YES

Spring lock

Material
Body: Stainless steel
Screws: Steel
Finish
Screws: Nickel plating

D※-PLA (50)
(1)





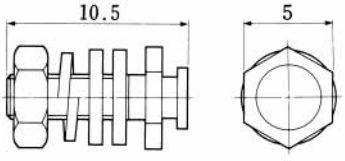
(1) Connector size: E (9contacts)
A (15contacts)
B (25contacts)
C (37contacts)

Unit: mm

HRS No	Part No.	A	B	No.of pin	RoHS
CL211-0679-8-50	DE-PLA (50)	35.37	28.51	9	YES
CL211-0680-7-50	DA-PLA (50)	43.7	36.84	15	
CL211-0681-0-50	DB-PLA (50)	57.42	50.56	25	
CL211-0682-2-50	DC-PLA (50)	73.88	67.02	37	

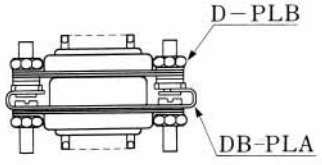
D-PLA (05)





Material: Steel
Body
Finish: Nickel plating
Screws

Notes (1) Minimum ordering quantity is one package, which contains two units.
(2) Applicable for any size of our connectors.



HRS No	Part No.	RoHS
CL211-0732-9-05	D-PLB (05)	YES

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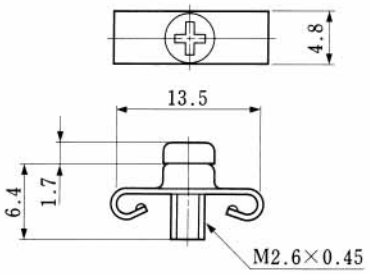
SM Series (D SUB) Accessory

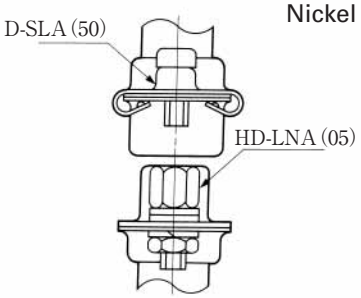
Screw lock (for HD-LNA)

Note: Minimum ordering quantity is one package, which contains two units.

Material
Body: Steel
Finish
Nickel plating







Setup View

HRS No	Part No.	RoHS
CL211-0307-3-50	D-SLA (50)	YES

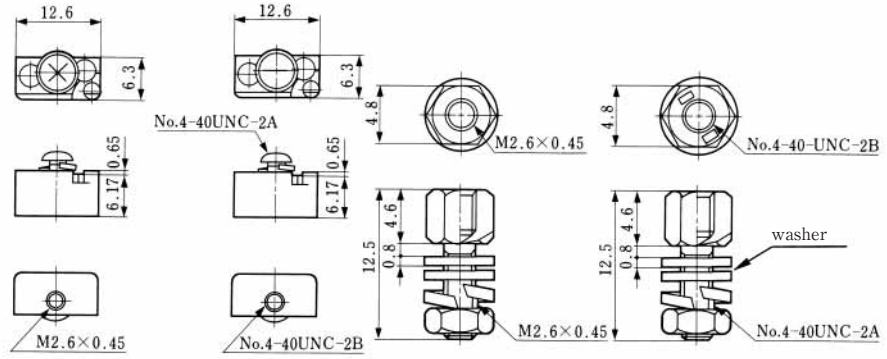
Before mounting the D-SLA, loosen the screw slightly

Note (1) Applicable for 9 to 37 contacts.
(2) Minimum ordering quantity is one package which contains two units.

Locking device

No. of washers	Applicable panel thickness
0	1.6-2.0mm
1	0.8-1.2mm
2	0-0.4mm





CL211-0140-0 05
HD-LN (05)

CL211-0171-3-05
HD-LN (4-40) (05)

CL211-0172-6-05
HD-LN (05)

CL211-0196-4-05
HD-LN (4-40) (05)

Unit: mm

HRS No	Part No.	RoHS	Applicable panel thickness	No. of washers	Finish
CL211-0140-0 05	HD-LN (05)	YES	1.2mm or less		Nickel plating
CL211-0171-3 05	HD-LN (4-40) (05)				
CL211-0140-0 08	HD-LN (08)		1.2-1.6mm		
CL211-0171-3 08	HD-LN (4-40) (08)				
CL211-0172-6 05	HD-LNA (05)		1.6-2.0mm	0	Adjust no. of washer
CL211-0196-4 05	HD-LNA (4-40) (05)		0.8-1.2mm	1	
			0-0.4mm	2	

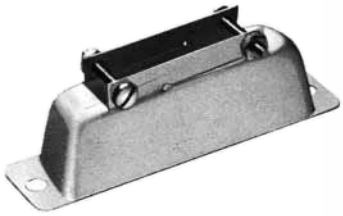
Material
Steel or zinc alloy
Finish
Nickel plating

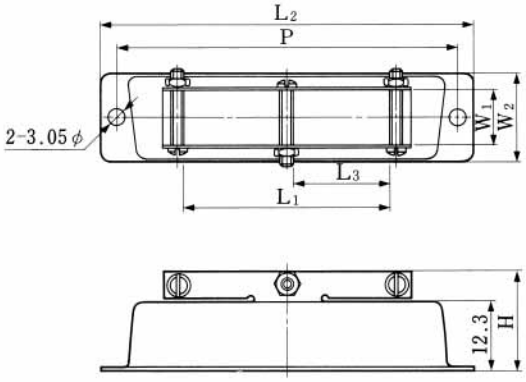
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SM Series (D SUB) Accessory

Clamp





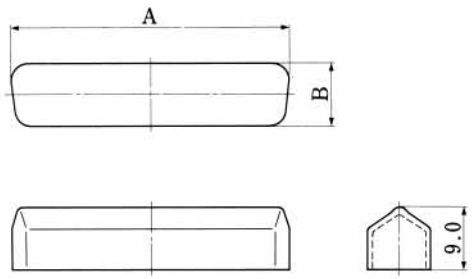
Material
Steel
Finish
Nickel plating

Unit: mm

HRS No	Part No.	L1	L2	L3	P	W1	W2	H (abt.)	RoHS
CL211-0018-6-50	HDE-C (50)	7.3	30.6	—	24.99	7.5	12.7	16.3	YES
CL211-0005-4-50	HDA-C (50)	8.0	38.9	—	33.32	7.5	12.7	16.3	
CL211-0011-7-50	HDB-C (50)	20.2	52.8	—	47.04	7.5	12.7	16.3	
CL211-0059-3-50	HDC-C (50)	37.0	69.1	17.5	63.5	7.5	12.7	16.3	
CL211-0006-7-50	HDD-C (50)	37.0	66.7	17.5	61.11	9.9	15.5	17.6	

Dust cap





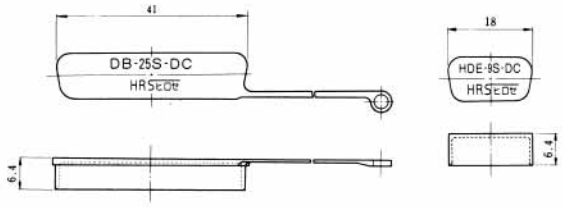
Material
Vinyl chloride (UL94V-2)
Finish
Color: Light blue

	HRS No	No.of pin	Part No.	A	B	RoHS
For male connector	CL211-0777-7	9	DE-9P-DC1	18.7	10.2	YES
	CL211-0778-0	15	DA-15P-DC1	27.0	10.2	
	CL211-0779-2	25	DB-25P-DC1	41.0	10.4	
	CL211-0780-1	37	DC-37P-DC1	57.7	10.6	
	CL211-0781-4	50	DD-50P-DC1	55.0	13.3	

	HRS No	No.of pin	Part No.	A	B	RoHS
For female connector	CL211-0782-7	9	DE-9S-DC1	17.4	8.8	YES
	CL211-0783-0	15	DA-15S-DC1	25.6	8.8	
	CL211-0784-2	25	DB-25S-DC1	39.3	8.8	
	CL211-0785-5	37	DC-37S-DC1	55.8	8.8	
	CL211-0786-8	50	DD-50S-DC1	53.4	11.6	

Note: Dust cap for male connector cannot be used for the connector with locking device (LN)





Material
Polyethylene resin
Finish
Color: Natural

HRS No	Part No.	RoHS
CL211-0162-2	DB-25S-DC	YES

HRS No	Part No.	RoHS
CL211-0130-6	HDE-9S-DC	YES

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